

EDUCATION

- ◆ College of Charleston, South Carolina
 - BS in Marine Biology, 2004
 - BS in Biology, 2004

EXPERIENCE

2012 to present MBK Engineers, Sacramento, CA
[Project Manager](#)

Currently serves as project manager for local flood control projects with special emphasis on Section 408 Permission, Central Valley Flood Protection Encroachment permitting and support for the US Army Corps of Engineers System Wide Improvement Framework and Vegetation Variance applications.

2008 - 2012 US Army Corps of Engineers, Sacramento District, CA

[Project Manager, Construction Operations Division](#)
[Flood Risk Manager, Planning Division](#)

Managed the complex, dynamic Section 408 program, which allows for the alteration of Federal public works, including levees, thus permitting local entities to reduce flood risk for their communities. This included management of four Section 408 projects of national priority and extraordinary urgency, as well as eight of regional priority and urgency. These projects represented the first Section 408 actions in the nation and set the precedents for future 408 projects. In support of Section 408 actions, performed Agency Technical Review on controversial issues including Executive Order 11988, cumulative impacts, and vegetation.

Successfully managed the USACE permitting process for the Natomas Levee Improvement Program's (three individual projects), the Three Rivers Levee Improvement Authority's two Feather River projects and Yuba River Project, and the West Sacramento Levee Improvement Program.

As subject matter expert, worked with national and regional policy/guidance development teams to develop and provide input on Section 408, vegetation, hydropower, and Section 214 WRDA funding policy documents. Co-authored Section 408 District policy, and authored Sacramento District Section 408 Standard Operating Procedures, which will serve as the basis for a regional procedure ultimately informing the national policy currently under development at HQUSACE.

Managed the planning, design, and implementation of ecosystem restoration features along the Sacramento River for the purposes of meeting commitments to Federal resource agencies for shaded riverine aquatic and shallow-water habitat. In light of recent national guidance related to vegetation, successfully managed the first vegetation variance resulting for a PL 84-99 repair project, second variance in the nation, and first variance for the planting of vegetation on a Federal project levee.

Served as District Silver Jackets coordinator for California and Nevada. Represented USACE at regional stakeholder workshops and meetings. Provided base flood elevation determinations for the purposes of the National Flood Insurance Program (NFIP). Interpreted and implemented new policies related to levee evaluations for NFIP certification and accreditation. Represented District at interagency functions related to State implementation of urban and non-urban minimum flood protection requirements.

2006 – 2008

Atkins North America (formerly PBS&J), New Orleans, Louisiana
[Scientist II](#)

Deputy project manager for navigation, hurricane protection, and ecosystem restoration civil works studies; project manager for population study for purposes of identifying evacuation needs during emergency event; managed NEPA compliance related to ecosystem restoration and offshore disposal sites. These studies included the Houma Navigation Canal Deepening, West Shore Lake Pontchartrain Hurricane Protection, Atchafalaya River Navigation Bar Channel Offshore Disposal, and the Amite River and Tributaries Ecosystem Restoration projects. Served as PM on a USACE detail within the New Orleans District and managed the Continuing Authorities Program for Planning Chief.